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 Volker Gaede, Oliver Günther

June 1998 **Computing Surveys (CSUR)**, Volume 30 Issue 2

Publisher: ACM 

Full text available:  Pdf (1.05 MB)

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Search operations in databases require special support at the physical level as well as spatial databases, where typical search operations include the point

Keywords: data structures, multidimensional access methods

2 The platform for privacy preferences

 Joseph Reagle, Lorrie Faith Cranor

February 1999 **Communications of the ACM**, Volume 42 Issue 2

Publisher: ACM 

Full text available:  Html (41.98 KB),  Pdf (212.61 KB) Additional Information: [full citation](#), [abs](#)

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3 Integrating and customizing heterogeneous e-commerce applications

 Anat Eyal, Tova Milo

August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 15 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (286.63 KB)

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A broad spectrum of electronic commerce applications is currently available in almost any area one can think of. As the number and variety of such applications grows, new ...

Keywords: Application integration, Data integration, Electronic commerce, Integration

4 Information gathering in the World-Wide Web: the W3QL query language

 David Konopnicki, Oded Shmueli

December 1998 **Transactions on Database Systems (TODS)**, Volume 23 Issue 4

Publisher: ACM Request Permissions

Full text available: Pdf (1.36 MB)

Additional Information: full citation, abs

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The World Wide Web (WWW) is a fast growing global information resource which information and provides access to a variety of services. Since there is no central organization or ...

Keywords: CGI, FORMS, HTML, HTTP, PERL, World-Wide Web, query language

5 A hierarchy-aware approach to faceted classification of object-oriented systems

E. Damiani, M. G. Fugini, C. Bellettoni

July 1999 **Transactions on Software Engineering and Methodology**

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Full text available: Pdf (310.25 KB)

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This article presents a hierarchy-aware classification schema for object-oriented systems classified according to their behavioral characteristics, such as provided by the UML.

Keywords: code analysis, component repositories, component retrieval, classification

6 Semantic indexing for a complete subject discipline

Yi-Ming Chung, Qin He, Kevin Powell, Bruce Schatz

August 1999 **DL '99: Proceedings of the fourth ACM conference on Digital Libraries**

Publisher: ACM Request Permissions

Full text available: Pdf (256.74 KB)

Additional Information: full citation, refs

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 28, Download

Keywords: MEDLINE, MEDSPACE, concept space, interspace, medical indexing, semantic retrieval

7 Context-aware Retrieval: Exploring a New Environment for Information Systems

P. J. Brown, G. J. F. Jones

January 2001 **Personal and Ubiquitous Computing**, Volume 5 Issue 4

Publisher: Springer-Verlag

Full text available: Pdf (112.84 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 89, Download

The opportunities for context-aware computing are fast expanding. Computing environment by monitoring attributes such as their current location, the users. Context-aware ...

8 Requirements interaction management

William N. Robinson, Suzanne D. Pawłowski, Vecheslav Volkov

June 2003 **Computing Surveys (CSUR)**, Volume 35 Issue 2

Publisher: ACM Request Permissions

Full text available:

Additional Information:

Pdf (1.24 MB)

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Requirements interaction management (RIM) is the set of activities directed at the disposition of critical relationships among sets of requirements, which have been identified in engineering. This survey ...

Keywords: KAOS, KATE, Oz, Requirements engineering, Telos, WinWin, deficiency driven design, dependency analysis, distributed intentionality, (SCR), system architecture, system specification, viewpoints

9 [Browsers with changing parts: a catalog explorer for Philip Glass' website](#)

Harry Hochheiser

August 2000 [DIS '00: Proceedings of the 3rd conference on Designing interactive systems: people, technologies and environments](#)

Publisher: ACM

Full text available: Pdf (446.89 KB)

Additional Information: full citation, abs

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The development of navigational tools for a web site devoted to a catalog of classical music. The paper discusses the design challenges. A combination of techniques developed from information visualization and dynamic displays, dynamic ...

Keywords: biography, catalog browsing, interactive visualization, music

10 [m-links: An infrastructure for very small internet devices](#)

Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh

July 2001 [MobiCom '01: Proceedings of the 7th annual international conference on Mobile computing and networking](#)

Publisher: ACM

Full text available: Pdf (680.78 KB)

Additional Information: full citation, abs

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In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing mobile services on wireless phones and other very small Internet terminals. Very small devices can now be used to provide portability ...

Keywords: middleware, proxy, web phones, wireless, wireless web

11 [The Web-DL environment for building digital libraries from the Web](#)

Pavel P. Calado, Marcos A. Gonçalves, Edward A. Fox, Berthier Figueiro-Neto

David C. Reis, Pablo A. Roberto, Monique V. Vieira, Juliano P. Lage

May 2003 [JCDL '03: Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital libraries](#)

Publisher: IEEE Computer Society

Full text available: Pdf (343.09 KB)

Additional Information: full citation, abs

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The Web contains a huge volume of unstructured data, which is difficult to process ...

hand, information is explicitly organized, described, and managed. Comm specific information ...

12 Component-based DSL development

Thomas Cleenewerck

September 2003 **GPCE '03: Proceedings of the 2nd international conference engineering**

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (215.63 KB)

Additional Information: [full citation](#), [abs](#)

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Domain specific languages (DSLs) have proven to be a very adequate means for implementation details of component-based software development. Since system the DSLs that were ...

13 Word frequency distributions

Geoffrey Sampson

December 2002 **Computational Linguistics** , Volume 28 Issue 4

Publisher: MIT Press

Full text available:  Pdf (290.07 KB)

Additional Information: [full citation](#), [refs](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 123, Download

14 A self-configuring and self-administering name system with dynamic

 February 2002 **Transactions on Internet Technology (TOIT)** , Volume 2 Issue 1

Publisher: ACM 

Full text available:  Pdf (908.57 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 73, Download

In this article we present a distributed system that stores name-to-address mapping in a network of computers. This name system consists of a network of name and self-administering ...

Keywords: Berkeley Internet Name Domain, dynamic reconfiguration, name administering systems, self-configuring systems

15 Structured hypertext with domain semantics

Weigang Wang, Roy Rada

 October 1998 **Transactions on Information Systems (TOIS)** , Volume 16 Issue 1

Publisher: ACM 

Full text available:  Pdf (593.99 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 51, Download

One important facet of current hypertext research involves using knowledge about document structures. A semantic net is one such technique. However, many leave the linking consistency ...

Keywords: graph theory, hypertext models, hypertext structures

16

- ◆ Monadic datalog and the expressive power of languages for web info
Georg Gottlob, Christoph Koch
June 2002 PODS '02: Proceedings of the twenty-first ACM SIGMOD-SIG
database systems
Publisher: ACM [Request Permissions](#)
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Research on information extraction from Web pages (wrapping) has seen systems implementations), but little work has been done on formally stu proposed or on the theoretical ...

17 A writer's collaborative assistant

- ◆ Tamara Babaian, Barbara J. Grosz, Stuart M. Shieber
January 2002 IUI '02: Proceedings of the 7th international conference on I
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In traditional human-computer interfaces, a human master directs a computer what to do, but also how to do it. Collaborative interfaces attempt to reassign collaborators in solving ...

18 Data-driven techniques in speech synthesis

- Thierry Dutel
December 2002 Computational Linguistics , Volume 28 Issue 4
Publisher: MIT Press
Full text available: [Pdf \(290.07 KB\)](#) Additional Information: [full citation](#), [refs](#)
- Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 45, Download

19 Improving the granularity of access control for Windows 2000

- ◆ Michael M. Swift, Anne Hopkins, Peter Brundrett, Cliff Van Dyke, Praerit Ga
Jensenworth
November 2002 Transactions on Information and System Security (TI
Publisher: ACM [Request Permissions](#)
Full text available: [Pdf \(447.78 KB\)](#) Additional Information: [full citation](#), [abs](#)
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This article presents the mechanisms in Windows 2000 that enable fine-grained access control for both operating system components and applications. These features extend Windows NT 4.0 to support the ...

Keywords: Access control lists, Microsoft Windows 2000, Windows NT, security

20 Security Issues in the ABELS System for Linking Distributed Simulations

- G. Ayorkor Mills-Tettey, Linda F. Wilson
March 2003 ANSS '03: Proceedings of the 36th annual symposium on Simulation
Publisher: IEEE Computer Society
Full text available: [Request Permissions](#) Additional Information: [full citation](#), [abs](#)

 Pdf (478.65 KB)

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